

NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

**BASIC IMAGERY
INTERPRETATION
REPORT**

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MOSKVA RADAR PLANT KUNTSEVO 304



**STRATEGIC WEAPONS INDUSTRIAL FACILITIES
USSR**

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**DECLASS REVIEW by
NIMA/DOD**

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INSTALLATION OR ACTIVITY NAME

Moskva Radar Plant Kuntsevo 304

COUNTRY

UR

UTM COORDINATES
NAGEOGRAPHIC COORDINATES
55-42-29N 037-26-18E

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MAP REFERENCE

ACIC. US Air Target Chart, Series 200, Sheet 0167-5, scale 1:200,000

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LATEST IMAGERY USED	NEGATION DATE (If required)
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NA

ABSTRACT

1. Moscow (Moskva) Radar Plant Kuntsevo 304 consists of 121 buildings in three main areas: an administration/engineering area, a fabrication/assembly area, and a transshipment/storage area. The plant consisted of 70 buildings in 1941, and was producing small arms and small arms ammunition. Most of the added buildings were constructed between 1956 and 1964, and only limited additional construction has taken place since 1964. The plant was converted to the production of radar and radar tracking equipment after World War II and may be involved in producing external missile guidance and control systems.

2. This report includes a location map, a photograph, a line drawing, and mensural and chronological data of the plant.

INTRODUCTION25X1
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3. Moscow Radar Plant Kuntsevo 304 is located in the Kuntsevo District of southwest Moscow (Figure 1). The plant is approximately 3.5 nautical miles (nm) southwest of Moscow/Fili Airfield [] and approximately 4.4 nm north of Moscow/Orlovo Airfield []. Plant 304 is situated on the south bank of the Setun River, approximately 0.8 nm south of Kutuzovskiy Prospekt. Three secondary roads provide access to the plant from Kutuzovskiy Prospekt.

4. Soviet aerospace installations are concentrated in the greater Moscow area and Plant 304 could be associated with many of them. Many of the aerospace installations in the Moscow area are listed in a 1968 NPIC report.¹

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5. [] obtained good photographic coverage of Plant 304 in [] again in []. Subsequent coverage of the plant has included one [] mission, one [] and numerous []. Most of the coverage obtained since [] has been of limited interpretability.

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BASIC DESCRIPTION

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6. Plant 304 consists of 121 buildings. The major buildings--those containing 929.0 square meters (10,000 square feet) or more of floorspace--include seven administration/engineering buildings, nine fabrication/assembly buildings, 18 shop buildings, eight warehouses, and a heating plant (Figures 2 and 3; Table 1). The remaining 78 buildings are support buildings. These include small administration/engineering buildings, small shop buildings, and miscellaneous buildings.

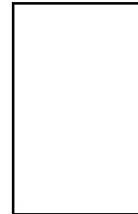
7. Plant 304 covers a secured area of 494 acres. The 121 buildings contain a total floorspace of [] A functional breakdown of floorspace is given below.

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Administration/engineering bldgs
Fabrication/assembly bldgs
Shop bldgs
Warehouses
Support bldgs

Total floorspace



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Chronology

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8. Plant 304 was operational prior to World War II. The plant, as observed on [redacted] photography of 1941, consisted of 70 buildings; 68 were complete and two--a fabrication/assembly building (item 24, Figure 3) and a shop building (item 11)--were under construction. The 68 complete buildings included 21 major buildings and 47 support buildings. The major buildings included three administration/engineering buildings, six fabrication/assembly buildings, 11 shop buildings, and a heating plant. Some of the support buildings were razed in later years. No significant changes were observed on [redacted]

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9. [redacted] photography of Plant 304, obtained in [redacted] was of limited interpretability. The fabrication/assembly building (item 24), first seen under construction in [redacted] was complete. A large section had been added to one of the shop buildings (item 18) first seen in [redacted]. Two new major buildings were identified in [redacted] administration/engineering building (item 3) and a fabrication/assembly building (item 34). Seven support buildings were also identified.

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10. Total floorspace of Plant 304 was [redacted] as of [redacted]

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11. Five major buildings were seen for the first time in [redacted]. These included two administration/engineering buildings (items 14 and 16), a shop building (item 20), and two warehouses (items 39 and 40).

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12. Eleven support buildings were also observed for the first time in [redacted]. Some of these support buildings may have been present in [redacted] but the limited interpretability of the coverage precluded their identification.

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13. A fabrication/assembly building (item 35) and a support building were under construction in [redacted]. An administration/engineering building (item 1) and a shop building (item 6) were enlarged between [redacted]. A warehouse (item 4) was created by adding a section to an existing support building. Two other support buildings were also enlarged between [redacted]

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14. Five major buildings were constructed between [redacted]. These included an administration/engineering building (item 8), a shop building (item 17), and three warehouses (items 36, 37, and 41). The fabrication/assembly building (item 35), seen under construction in [redacted] had also been completed.

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15. Ten support buildings were also identified in [redacted]. Three shop buildings (items 19, 31, and 32) and a support building had been enlarged since [redacted]. A support building under construction in [redacted] was completed by [redacted]

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16. Two fabrication/assembly buildings (items 24 and 27) and a shop building (item 23) were enlarged between [redacted]. A section was also added to the heating plant (item 38).

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17. Nineteen support buildings were constructed between [redacted]. A warehouse (item 42) and a support building were observed under construction in [redacted]

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18. [redacted] Plant 304 consisted of 114 buildings, of which 112 were complete. Of these 112 buildings, 40 were major buildings and 72 were support buildings.

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19. Plant 304 contained [redacted] of floorspace as of [redacted]

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20. Construction at Plant 304 since [redacted] has been limited. The warehouse (item 42) and the support building, under construction in [redacted] had been completed by [redacted]. Two POL storage tanks were added to the heating plant between [redacted]

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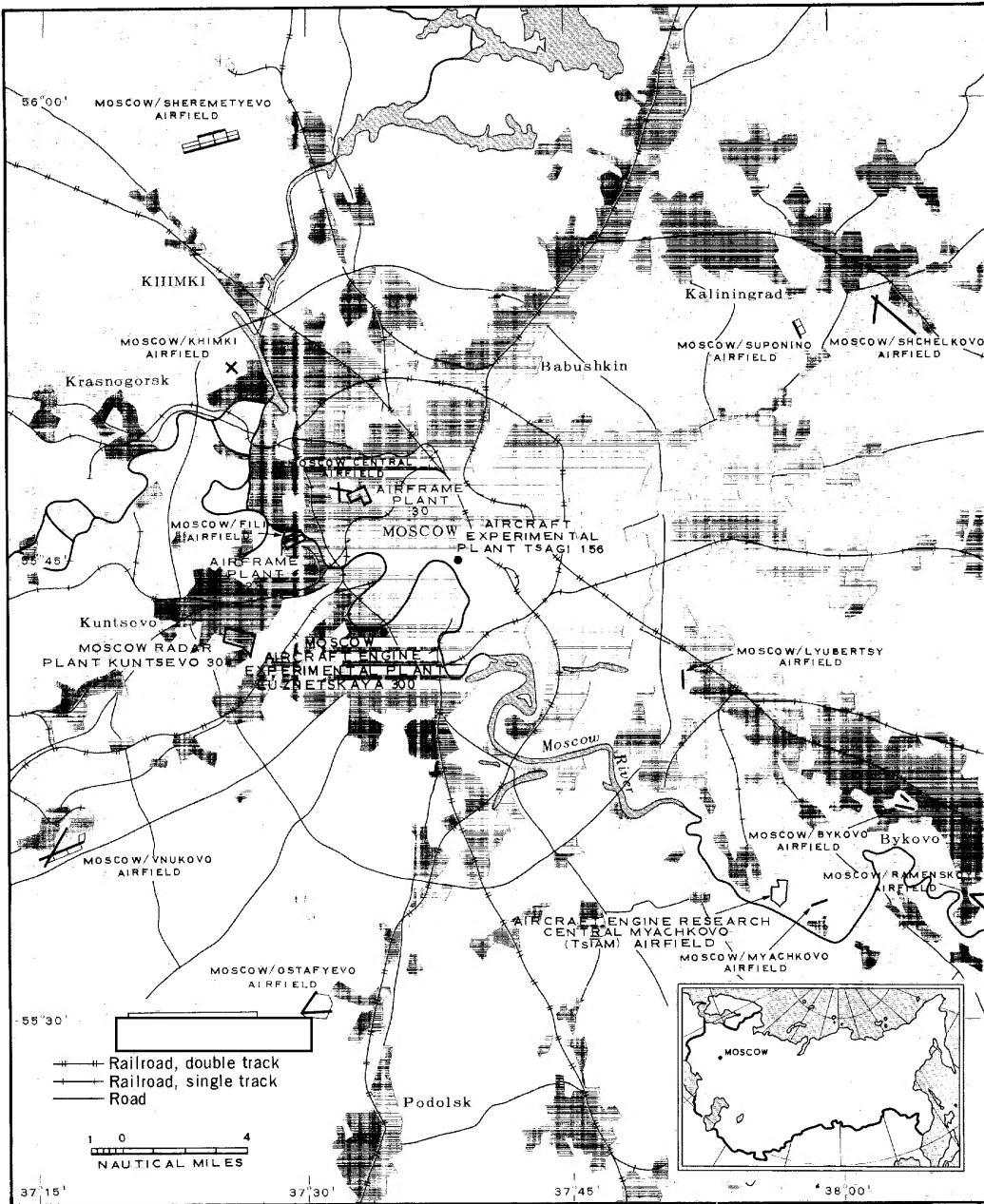


FIGURE 1. LOCATION MAP

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and [redacted] Three support buildings had also been constructed. A shop building (item 13) was observed under construction in [redacted]

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21. A warehouse (item 43) was seen under construction in [redacted] The shop building (item 13), under construction since [redacted] was completed by [redacted] Three support buildings were also observed in [redacted]

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22. The warehouse (item 43), under construction in [redacted] was completed by [redacted] A support building had also been constructed since [redacted] Between [redacted] a shop building (item 10) was created by constructing a section between two existing support buildings. A small section was also constructed between two other support buildings to create one large support building.

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23. A probable administration/engineering building (item 1a) was under construction

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Table 1. Moscow Radar Plant Kuntsevo 304 (Keyed to Figure 3)



FIGURE 2. MOSCOW RADAR PLANT KUNTSEVO 304

Item	Description	Dimensions* meters Length Width	Floorspace sq meters sq feet	Complete	Remarks
Area A - Admin/Engineering Area					
1	Admin/engineering bldg				One section is 2 stories; enlarged between [redacted] Ucon
2	Prob admin/engineering bldg				25X1
2	Admin/engineering bldg				25X1
3	Admin/engineering bldg				Original bldg first seen rebuilt between [redacted]
4	Warehouse				Original bldg first seen enlarged between [redacted]
Area B - Fabrication/Assembly Area					
5	Shop bldg				Bldg slightly altered between [redacted]
6	Shop bldg				Original bldg first seen enlarged between [redacted]
7	Shop bldg				25X1
8	Admin/engineering bldg				25X1
9	Shop bldg				25X1
10	Shop bldg				2 stories
11	Shop bldg				An admin/engineering section is situated on W end of bldg
12	Shop bldg				Two sections complete in [redacted]
13	Shop bldg				First seen upon in [redacted]
14	Admin/engineering bldg				Bldg contains 2-story admin/engineering section
15	Admin/engineering bldg				First seen upon [redacted]
16	Admin/engineering bldg				4 stories
16	Admin/engineering bldg				3 stories
17	Shop bldg				2 stories
18	Shop bldg				Multistory
19	Shop bldg				Section added between [redacted]
20	Shop bldg				Bldg has 2-story admin/engineering section; expanded between [redacted]
21	Shop bldg				Bldg has two 2-story admin/engineering sections
22	Shop bldg				Main section of bldg is 2 stories
23					Bldg has 2-story admin/engineering section; enlarged between [redacted]

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Table 1. (Continued)

Item	Description	Dimensions* meters feet	Floorspace sq meters sq feet	Complete	Remarks
		Length	Width		
24	Fabrication/assembly bldg				
25	Fabrication/assembly bldg				
26	Shop bldg				
27	Fabrication/assembly bldg				Bldg enlarged between [redacted]
28	Fabrication/assembly bldg				Bldg has a 2-story admin/engineering section
29	Fabrication/assembly bldg				Bldg has a 2-story admin/engineering section
30	Fabrication/assembly bldg				Bldg contains a 2-story admin/engineering section
31	Shop bldg				Enlarged between [redacted]
32	Shop bldg				Enlarged between [redacted]
33	Fabrication/assembly bldg				
34	Fabrication/assembly bldg				Bldg has a 2-story admin/engineering section
35	Fabrication/assembly bldg				First seen upon [redacted]
Area C - Transhipment/Storage Area					
36	Warehouse				
37	Warehouse				
38	Heating plant				
39	Warehouse				Bldg & covered conveyor enlarged between [redacted] [redacted] added between [redacted]
40	Warehouse				
41	Warehouse				
42	Warehouse				
43	Warehouse				
Total Floorspace of Numbered Bldgs					
Total Floorspace of Unnumbered Bldgs					
Total Floorspace of Plant 304					

*Measurements are accurate to within ± 3 meters plus 1% within a 95% confidence interval. Heights were not determined because of lack of good imagery.



FIGURE 3. LINE DRAWING OF MOSCOW RADAR PLANT KUNTSEVO 304

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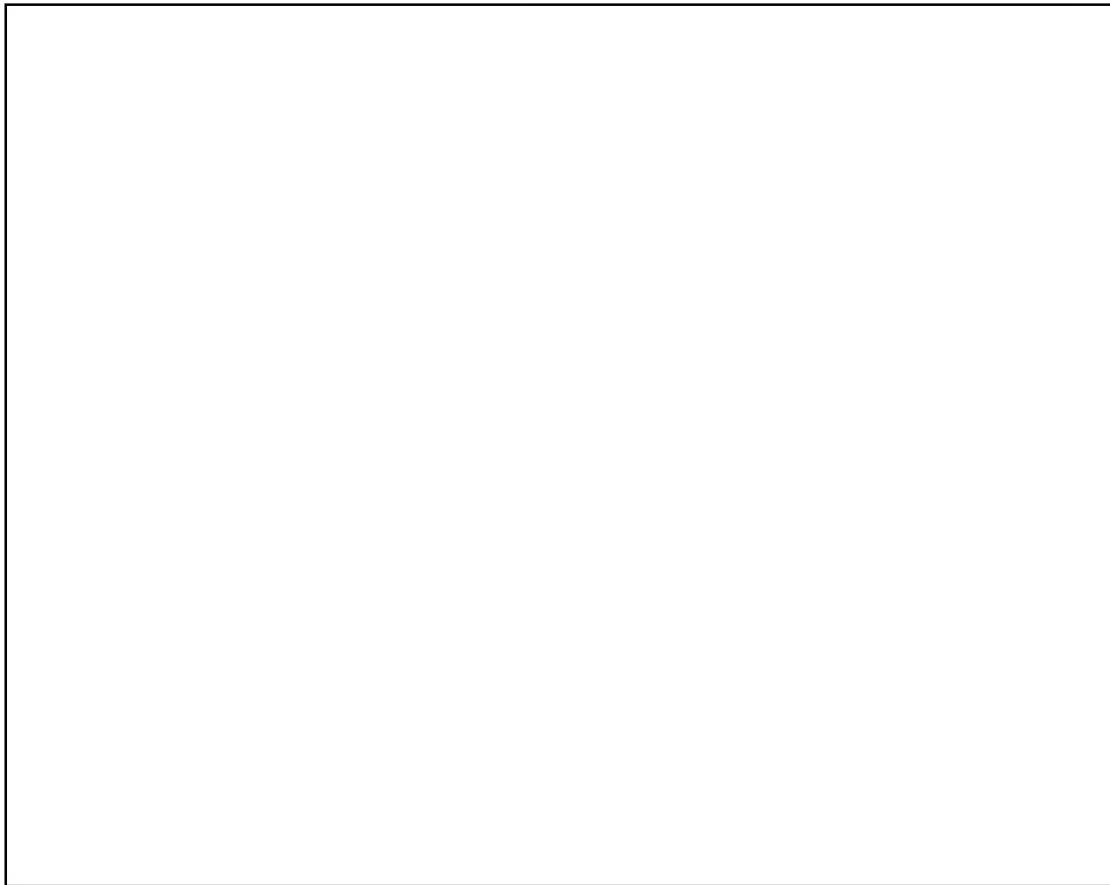
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Security

28. Plant 304 is secured by a wall/fence containing two rail entrances and five road entrances. The road entrances are located near buildings which probably serve as control points. The rail entrances are probably also controlled. Special security measures such as guard towers were not observed.

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REFERENCES



MAPS OR CHARTS

ACIC. US Air Target Chart, Series 200, Sheet 0167-5, scale 1:200,000

DOCUMENTS

1. NPIC. [REDACTED] *Index of Aerospace Installations in the Moscow Area*, Feb 68 (TOP SECRET) [REDACTED] 25X1
CODEWORD--handle via [REDACTED]
2. CIA Plant Folder No. 7009642

REQUIREMENT

COMIREX J02
NPIC/IEG/SD/NIB Project 221368

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